The US Deprescribing Research Network – What it is and what it can do for you

MICHAEL STEINMAN, MD
CYNTHIA BOYD, MD MPH
Disclosures

• Honoraria from American Geriatrics Society (Beers Criteria of Potentially Inappropriate Medications)

• Co-author of chapter in UptoDate on Multimorbidity

• Co-author of chapter in UptoDate on Deprescribing (coming soon)

• Thank you!
  • NIA R24 AG064025-1
  • Scientific Advisory Board
  • Malena Spar, Jonathan Norton, Anael Rizzo
Why a network?

No. of publications with “Deprescribing”

- 2019: 220
- 2018: 130
- 2017: 80
- 2016: 60
- 2015: 40
- 2014: 30
- 2013: 25
- 2012: 20
- 2011: 15
- <2011: 10
Why a network?
Why a network?

- Tapering strategies
- Patient attitudes
- Pharmacist, physician, nurse role
- Problem elicitation
- Measurement science
- Pharmacokinetics
- Psychology
- Intra-professional communication
- Systems redesign
Our goals

- Develop a national community for mutual learning and collaborations
- Provide resources and supports
- Develop infrastructure
- Engage stakeholders
- Disseminate
What is the network?

Leadership & Administration Core
Co-PIs: C. Boyd, MD; M. Steinman, MD

Executive Committee
Core Co-Directors

Scientific advisory board

Investigator Development Core
J. Tija, MD
K. Boockvar, MD

Data and Resources Core
E. Bayliss, MD
S. Dublin, MD PhD

Stakeholder Engagement Core
C. Sarkisian, MD
N. Brandt, PharmD

Pilot and Exploratory Studies Core
S. Simmons, PhD
A. Mixon, MD

Working Groups (4)
Five pillars

• Investigator development
• Funding for pilot studies and grant-planning activities
• Stakeholder engagement
• Data and resources
• Working Groups
Investigator Development

• Develop interdisciplinary community of investigators interested in deprescribing → collaborations, education, career development

• Annual meeting – immediately before AGS (May 6)
  • Open to all (!)
  • Junior investigator intensive
  • Travel scholarships

• Webinars

• Virtual works in progress conferences

• Collaboration grants
Annual Meeting of USDeN – First is May 6th, 2020, Long Beach, CA

KEYNOTE: CARA TANNENBAUM MD, MSC

CO-FOUNDER AND CO-DIRECTOR OF THE CANADIAN DEPRESCRIBING NETWORK

AND MORE....!

• Share research
• Access resources of USDeN
• Stakeholder engagement
• Networking
• Junior Investigator Supports

Effect of a Pharmacist-Led Educational Intervention on Inappropriate Medication Prescriptions in Older Adults
The D-PRESCRIBE Randomized Clinical Trial

Philippe Martin, PhD; Robyn Tamblyn, PhD; Andrea Benedetti, PhD; Sara Ahmed, PhD; Cara Tannenbaum, MD, MSc.
Annual Meeting of USDeN – Looking ahead to future years
Pilot Awards

• Support early-stage research in deprescribing that has high potential to develop into future large projects

• Funding will be provided primarily, but not exclusively, to junior investigators whose studies provide key preliminary data, proof of concept, or developmental work that provides a clear pathway to future, larger-scale studies.

• $60K total (directs + indirects)

• Non-US are eligible

• Engage stakeholders
Grant Planning Awards

• Support early-stage research in deprescribing that has high potential to develop into future large projects

• Funding will be provided to support initial development activities that will lead to a multi-site clinical trial or larger-scale research project.

• $60K total (directs + indirects)

• Non-US are eligible

• Engage stakeholders

• Expect to fund 4 awards per year total
  • (pilot and grant planning)

• Attend our webinar next month
Pilot and Grant Planning Awards

Decisions about anticoagulation in patients with atrial fibrillation and dementia (Greg Ouellet, Yale)

Older adults’ attitudes and preferences about how deprescribing recommendations are discussed (Ariel Green and Nancy Schoenborn, Johns Hopkins)

Intensification and deintensification of glucose-lowering therapies among older adults with diabetes mellitus and MCCs (Jen Kuntz, Kaiser Permanente Northwest)
Stakeholder Engagement

• Engage stakeholder and community partners to maximize relevance and impact of research on deprescribing
  • Patients, caregivers, health systems leaders

• Intercalate stakeholders throughout activities of the network – pilot studies, annual meeting, webinars, dissemination

• Stakeholder council

• Messaging
Stakeholder Engagement Council: Overview

- Council is comprised of 12-14 members who will represent patient, family, and various organizational and policy perspectives.
- Council members will serve staggered 2-3 year terms over the 5-year study period.

**Stakeholder Engagement Council Members**

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization (if applicable)</th>
<th>Type of stakeholder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carol Glover</td>
<td></td>
<td>Patients/Caregivers</td>
</tr>
<tr>
<td>Katie Maslow</td>
<td></td>
<td>Patients/Caregivers</td>
</tr>
<tr>
<td>Suzanne Mintz</td>
<td></td>
<td>Patients/Caregivers</td>
</tr>
<tr>
<td>Del Price</td>
<td>PATIENTS network - University of Maryland</td>
<td>Patients/Caregivers</td>
</tr>
<tr>
<td>Laura Trejo</td>
<td>LA Department of Aging/Area Agency on Aging</td>
<td>Patients/Caregivers</td>
</tr>
<tr>
<td>Frank Federico</td>
<td>Institute for Healthcare Improvement</td>
<td>Health systems and improvement organizations</td>
</tr>
<tr>
<td>Vinit Nair</td>
<td>Humana</td>
<td>Health systems and improvement organizations</td>
</tr>
<tr>
<td>George Hennawi</td>
<td>MedStar Good Samaritan Hospital</td>
<td>Health systems and improvement organizations</td>
</tr>
<tr>
<td>Amy Berman</td>
<td>Hartford Foundation</td>
<td>Policy/advocacy</td>
</tr>
<tr>
<td>Shannon Brownlee</td>
<td>Lown Institute</td>
<td>Policy/advocacy</td>
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<tr>
<td>Chad Worz</td>
<td>American Society of Consultant Pharmacists</td>
<td>Professional organization</td>
</tr>
<tr>
<td>Nancy Lundenbjerg</td>
<td>American Geriatrics Society</td>
<td>Professional organization</td>
</tr>
<tr>
<td>Andrew Auerbach</td>
<td>Society of Hospital Medicine</td>
<td>Professional organization</td>
</tr>
</tbody>
</table>
Data and Resources

• Develop and share resources and provide supports that will advance research on deprescribing

• Spearhead initiatives to develop new science and consensus projects around measurement and data

• Compendia and repositories – database of completed and ongoing studies; compendium of measures; repository of DSMB & IRB materials

• Data development, harmonization, management

• Consultation services
Working Groups

Create high-value resources to enhance deprescribing research

• Systematic review and meta-analysis of high-value targets for deprescribing
• Review of measures used in deprescribing research
• Data harmonization collaborative
• Synthesize knowledge about deprescribing communication, develop “best practices” communication template
Ecosystem, aka Alphabet Soup

US Deprescribing Research Network (USDeN)

Deprescribing.org (Bruyere)

Canadian Deprescribing Network (CaDeN)

English Deprescribing Network (EDeN)

Northern European Deprescribing Network (NERD)

AGING (multimorbidity) Network

Palliative Care Research Cooperative (PCRC)

Network for Investigation of Delirium: Unifying Scientists (NIDUS)

IMPACT Collaboratory
How does this apply to me?

How can I get involved?
How does this apply to me?

• Build research portfolio
• Develop ideas, get inspiration, community
• Mentoring
• Grant support
How does this apply to me?

**Junior investigator**

- Build research portfolio
- Develop ideas, get inspiration, community
- Mentoring
- Grant support

Webinars
- Virtual WIPs
- Annual meeting
- Junior investigator intensive
- Learn how to involve stakeholders
- Compendia
- Consultations
- Pilot award
How does this apply to me?

• Expand into new area
• Support mentees
• Learn about national landscape

Not-so-junior investigator
How does this apply to me?

• Expand into new area
• Support mentees
• Learn about national landscape

Webinars
Annual meeting - network
Grant planning award
Compendia
Committees

Not-so-junior investigator
How does this apply to me?

• What is this all about?
• Want to contribute
• Want to learn

Patient or caregiver
How does this apply to me?

• What is this all about?  
  Webinars
• Want to contribute  
  Stakeholder activities
• Want to learn  
  Annual meeting

Patient or caregiver
How can I get involved?

• Join!
• Follow us on Twitter (@DeprescribeUS)
• Annual meeting
• Participate
• Committees

• Contact us: admin@DeprescribingResearch.org
Next webinar

Network-funded pilot and grant planning awards – information for potential applicants

January 7, 2020  |  2:00 – 3:00 PM Eastern / 11:00 – 12:00 PM Pacific

MORE INFORMATION AND REGISTRATION »
DeprescribingResearch.org

US Deprescribing Research Network

Advancing research to optimize medication use among older adults.